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CCA GCA ACC AAT GAT GCC CGT T-TAMRA-3'  
 CA GCA ACC AAT GAT GCC CGT T-TAMRA-3'

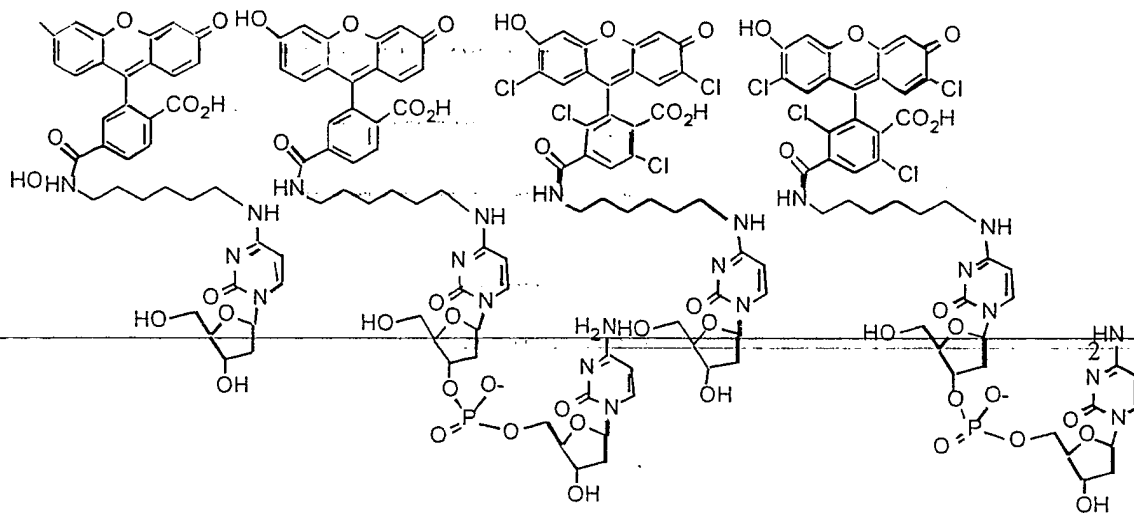
CCA GCA AGC ACT GAT GCC TGT T-TAMRA-3'  
 CA GCA AGC ACT GAT GCC TGT T-TAMRA-3'

**Fig. 1A**

Fluorescent Dyes		
	<u>Absorbance Maxima</u>	<u>Emission Maxima</u>
Fluorescein	494nm	525nm
Tetrachloro fluorescein	521nm	536nm
TAMRA	565nm	580nm

**Fig. 1B**

Cleaved Fragments:



**Fig. 1C**

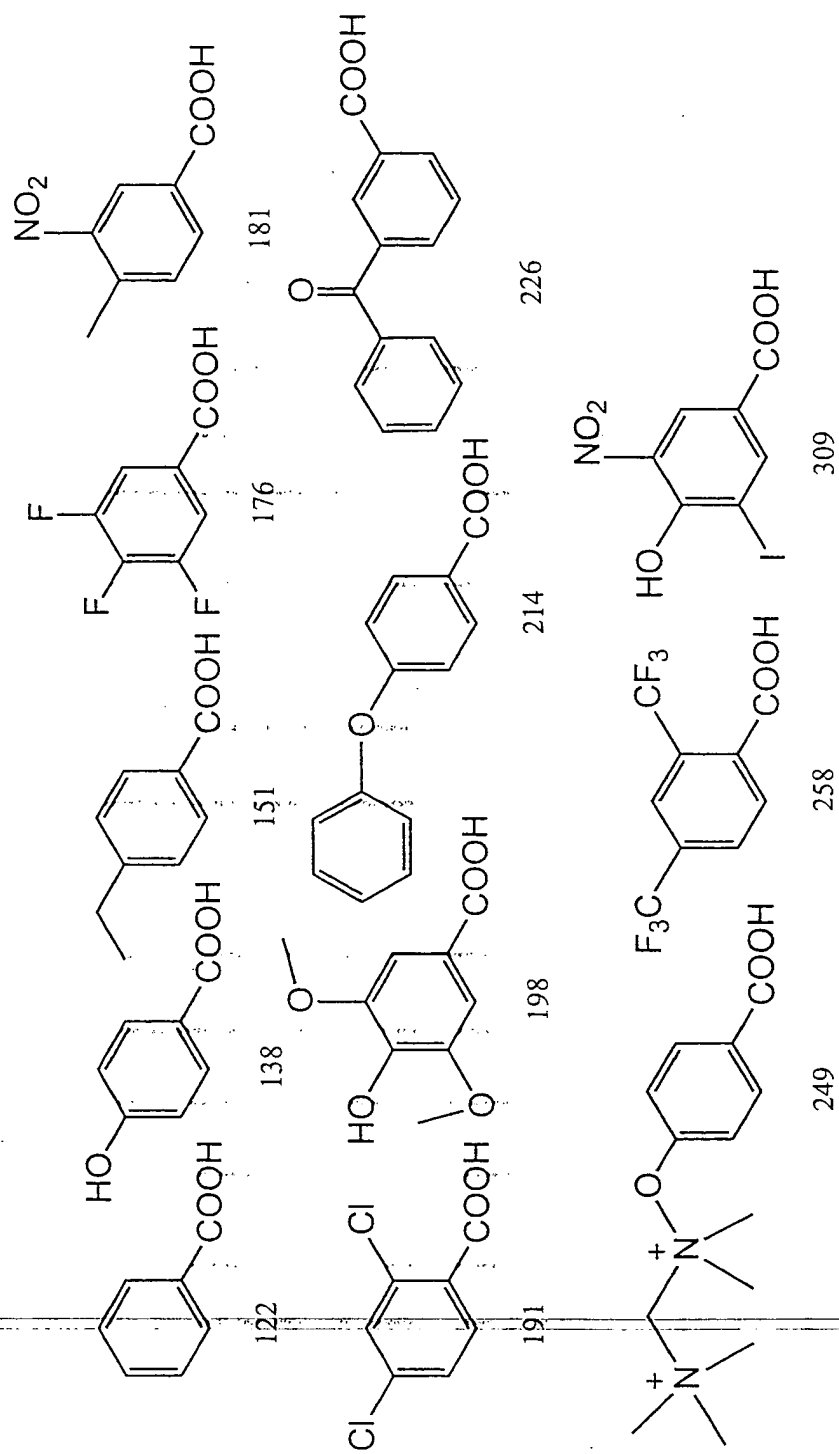


Fig. 2

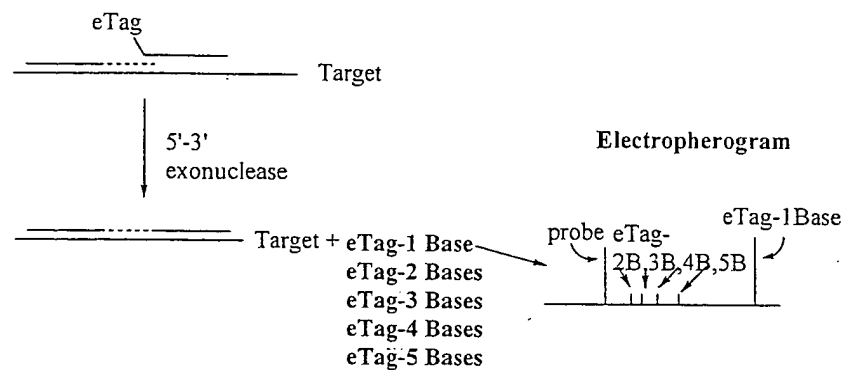


Fig. 3A

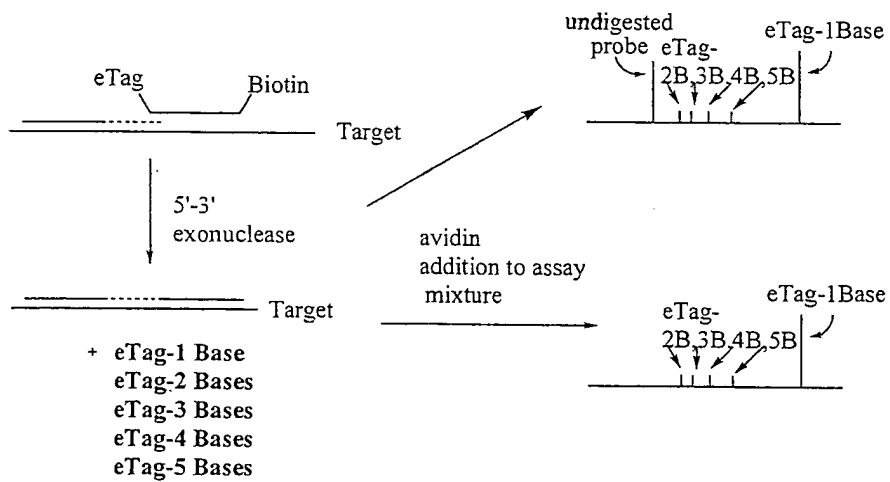


Fig. 3B

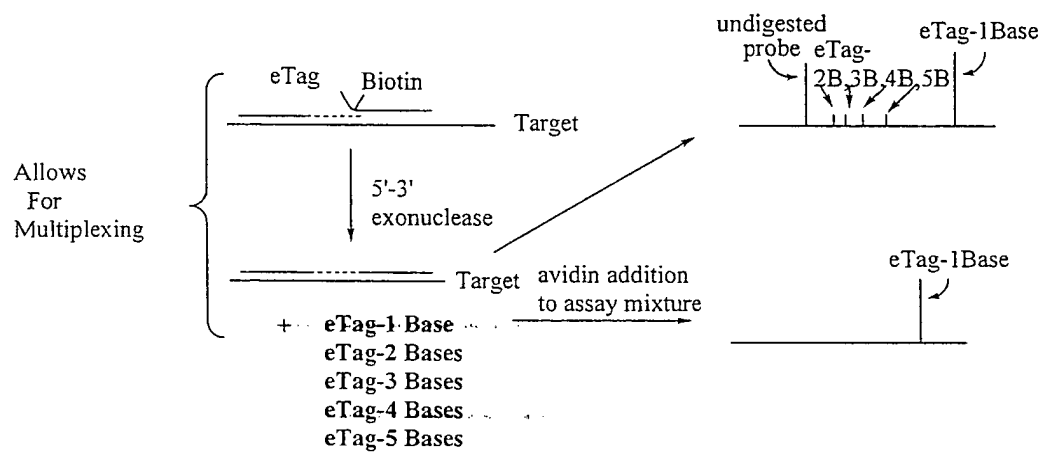


Fig. 3C

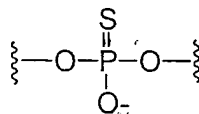


Fig. 3D

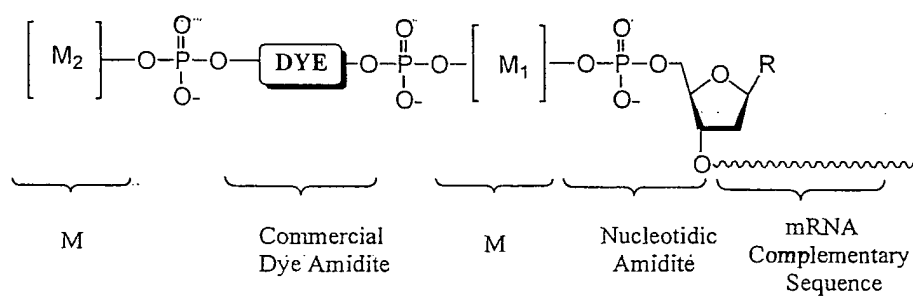


Fig. 4

<u>e-tag Reporter</u>	<u>Elution Time on CE, min</u>	<u>Mass</u>
	6.4	778
	7.1	925
	7.3	901
	7.7	994
	8.0	985
	9.25	961

**Fig. 5**

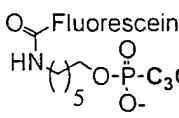
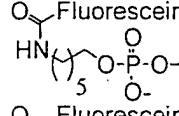
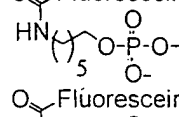
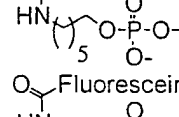
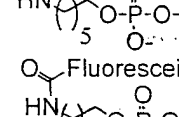
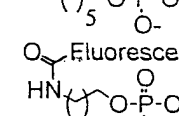
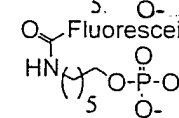
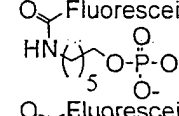
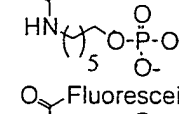
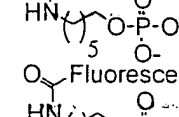
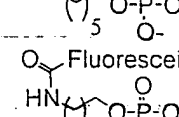
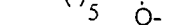
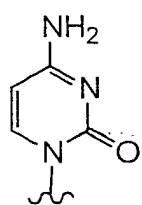
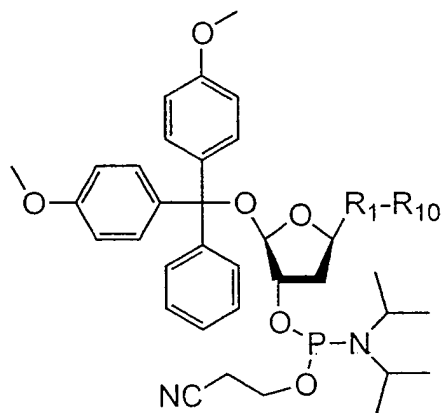
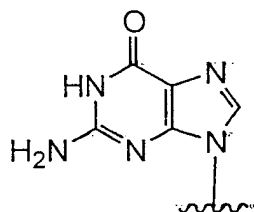
e-tag Reporter	Charge	Elution Time, min
	-8	12.1*
	-9	12.7
	-8	12.8
	-7	13.1
	-6	13.0
	-6	13.4
	-5	12.8*
	-5	13.2*
	-5	14.8
	-6	17.3
	-5	17.0
	-4	15.2*
	-4	16.5

Fig. 6





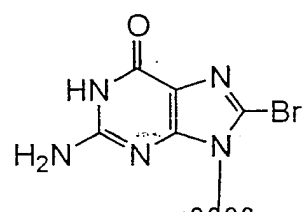
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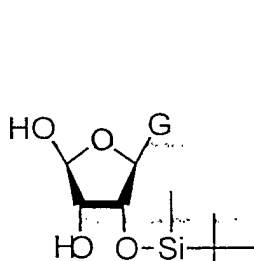
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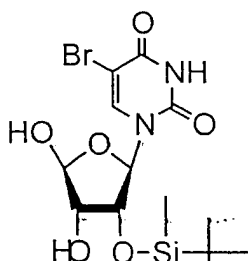
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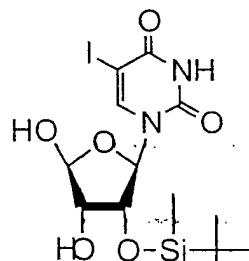
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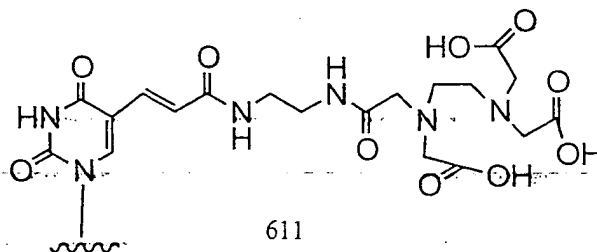
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436

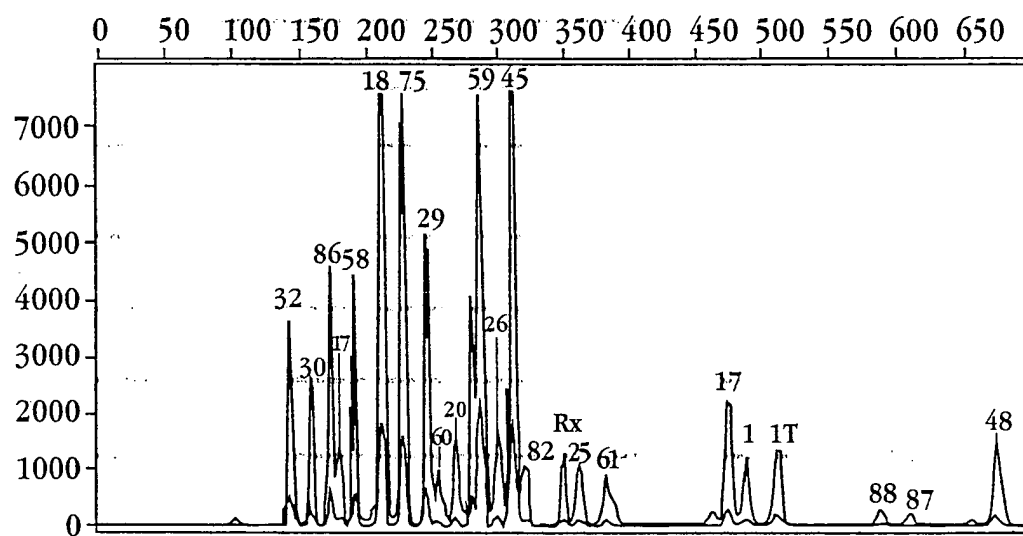


484



611

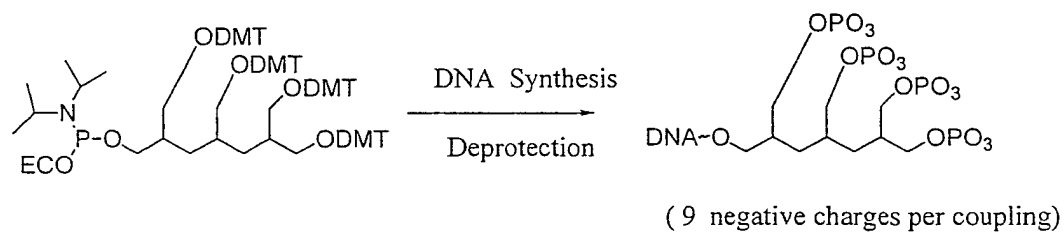
**Fig. 7**



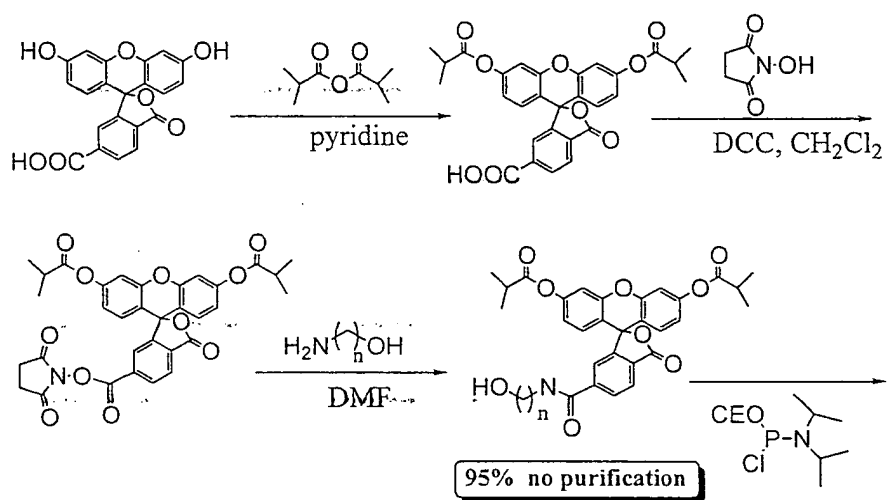
**Fig. 8**



Fig. 9



**Fig. 10**



**Fig. 11**

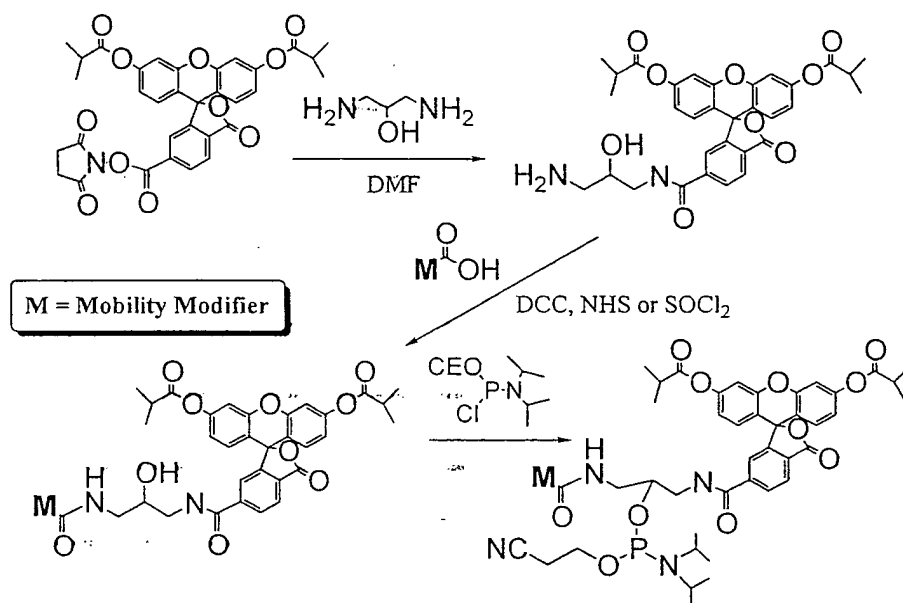


Fig. 12

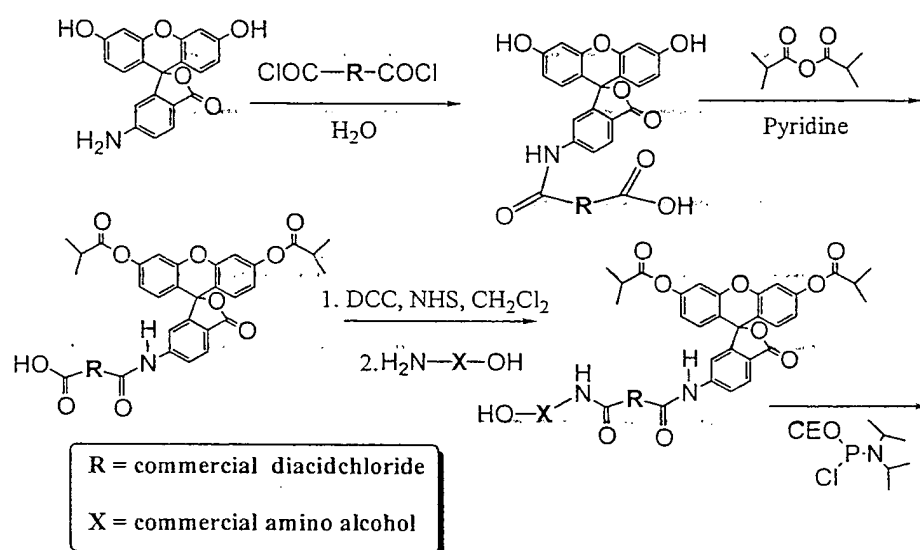
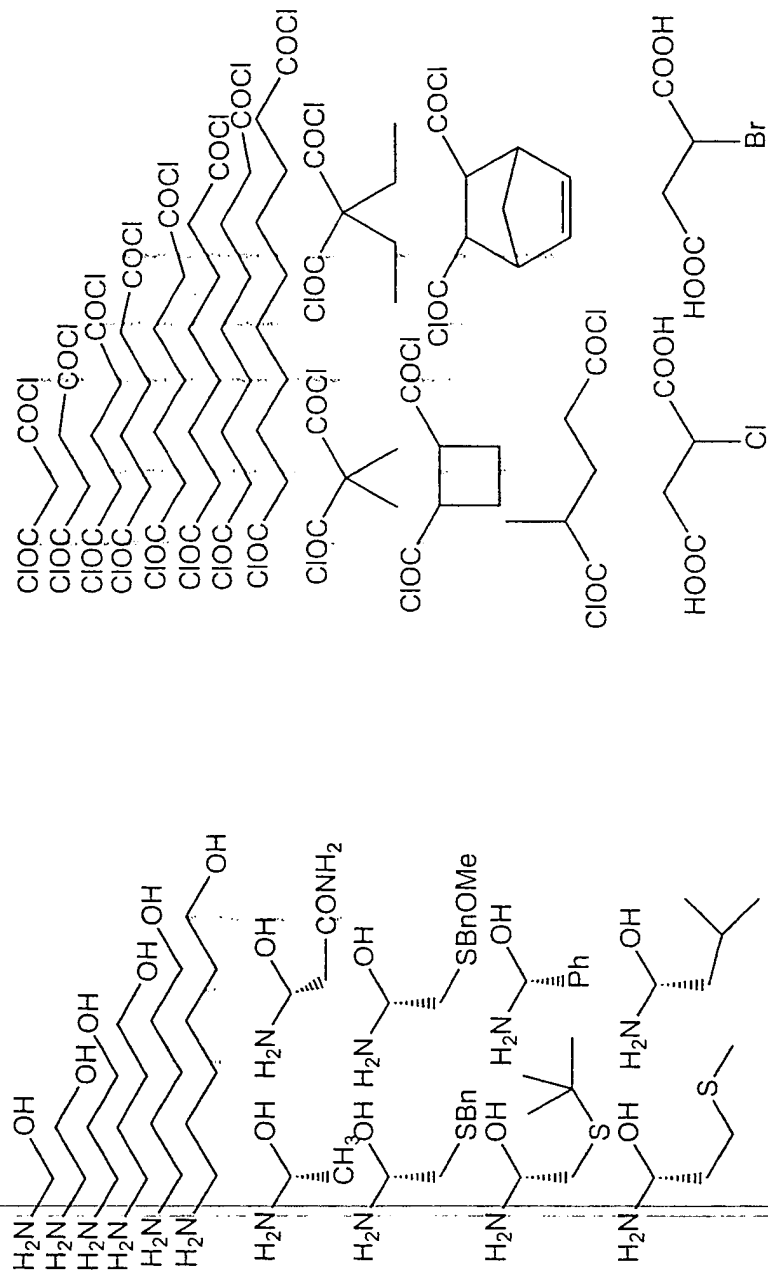
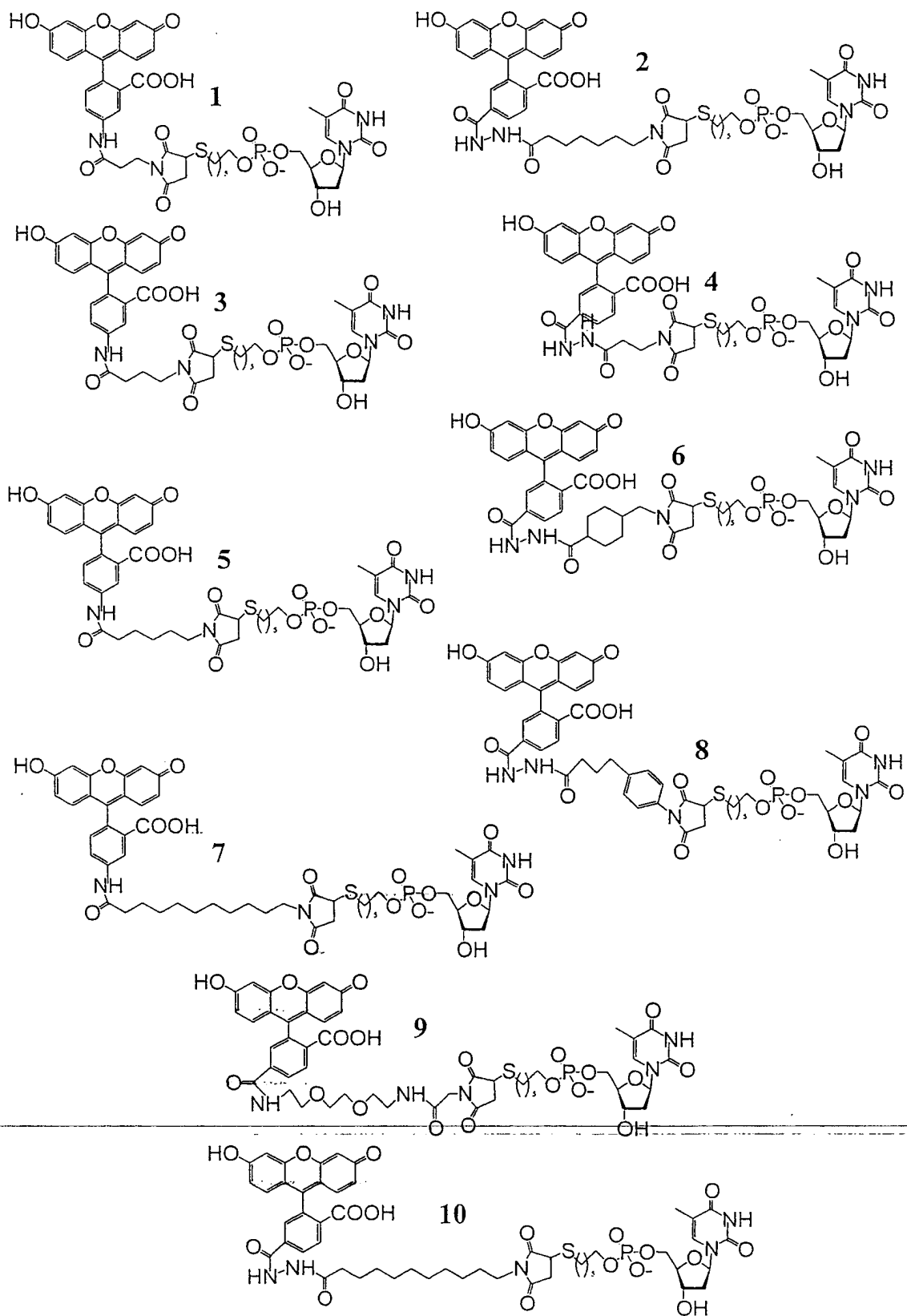


Fig. 13

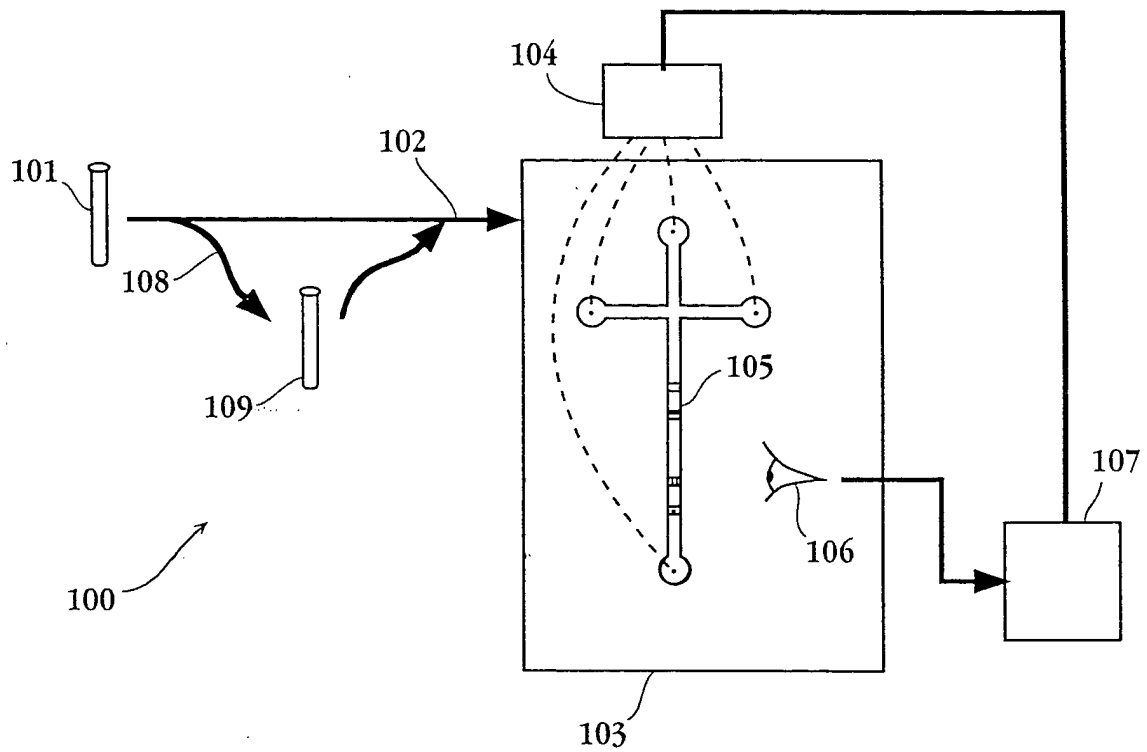


**Fig. 14**



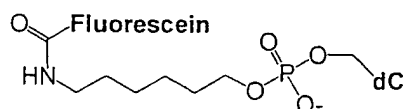


**Fig. 15**

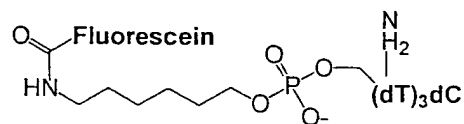


**Fig. 16**

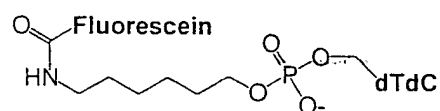
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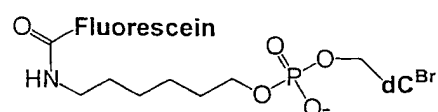
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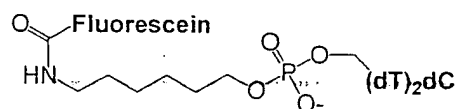
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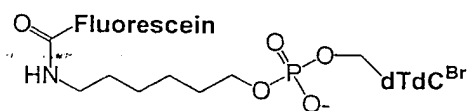
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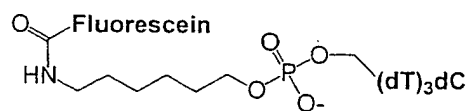
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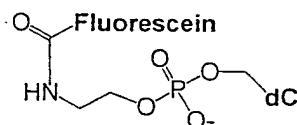
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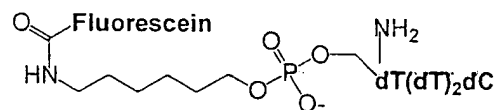
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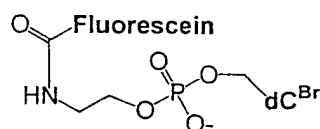
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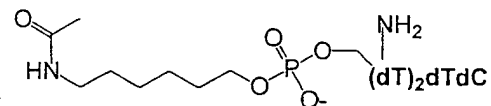
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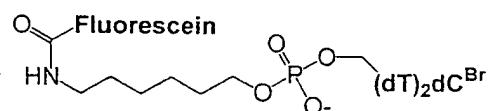
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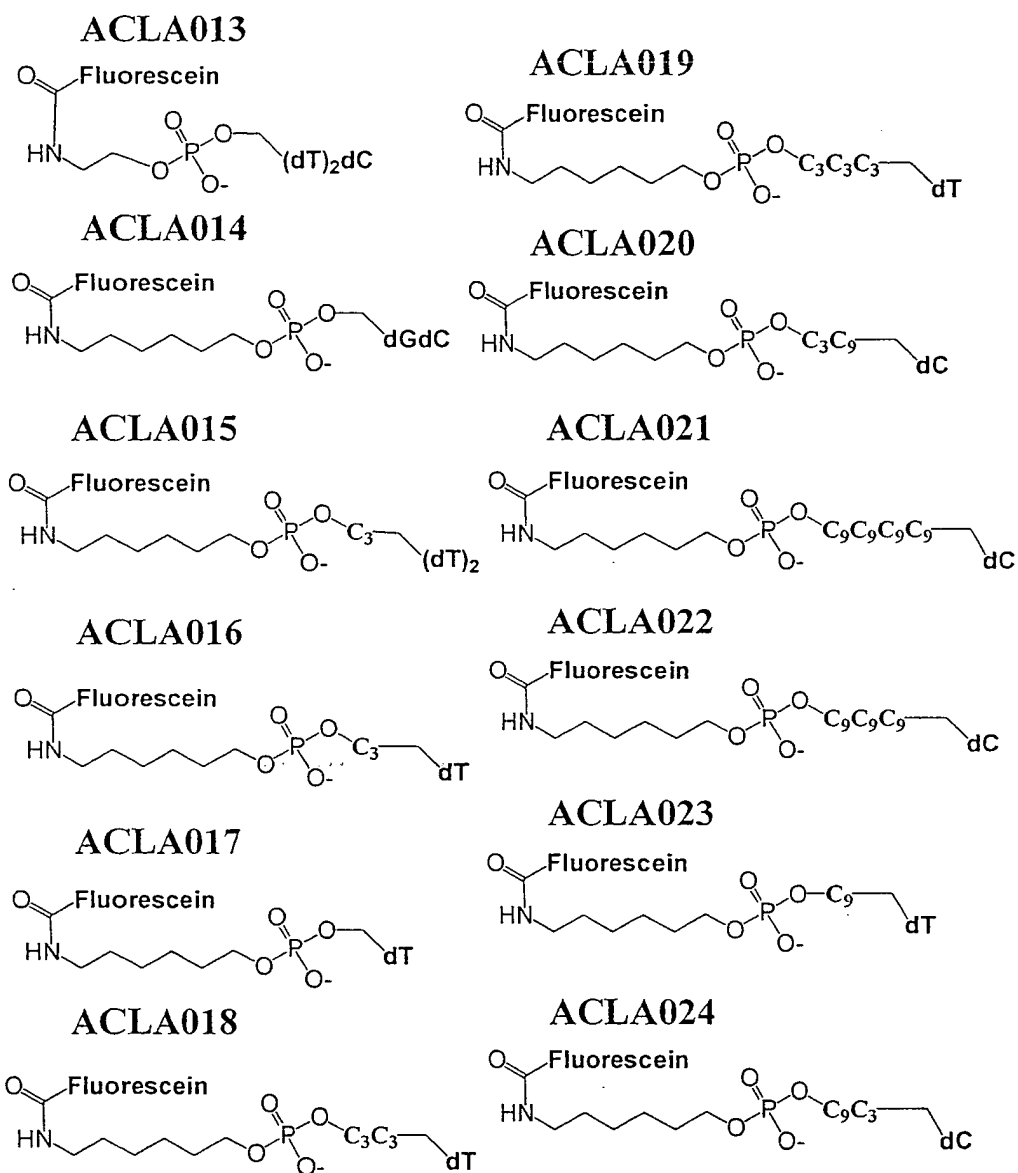
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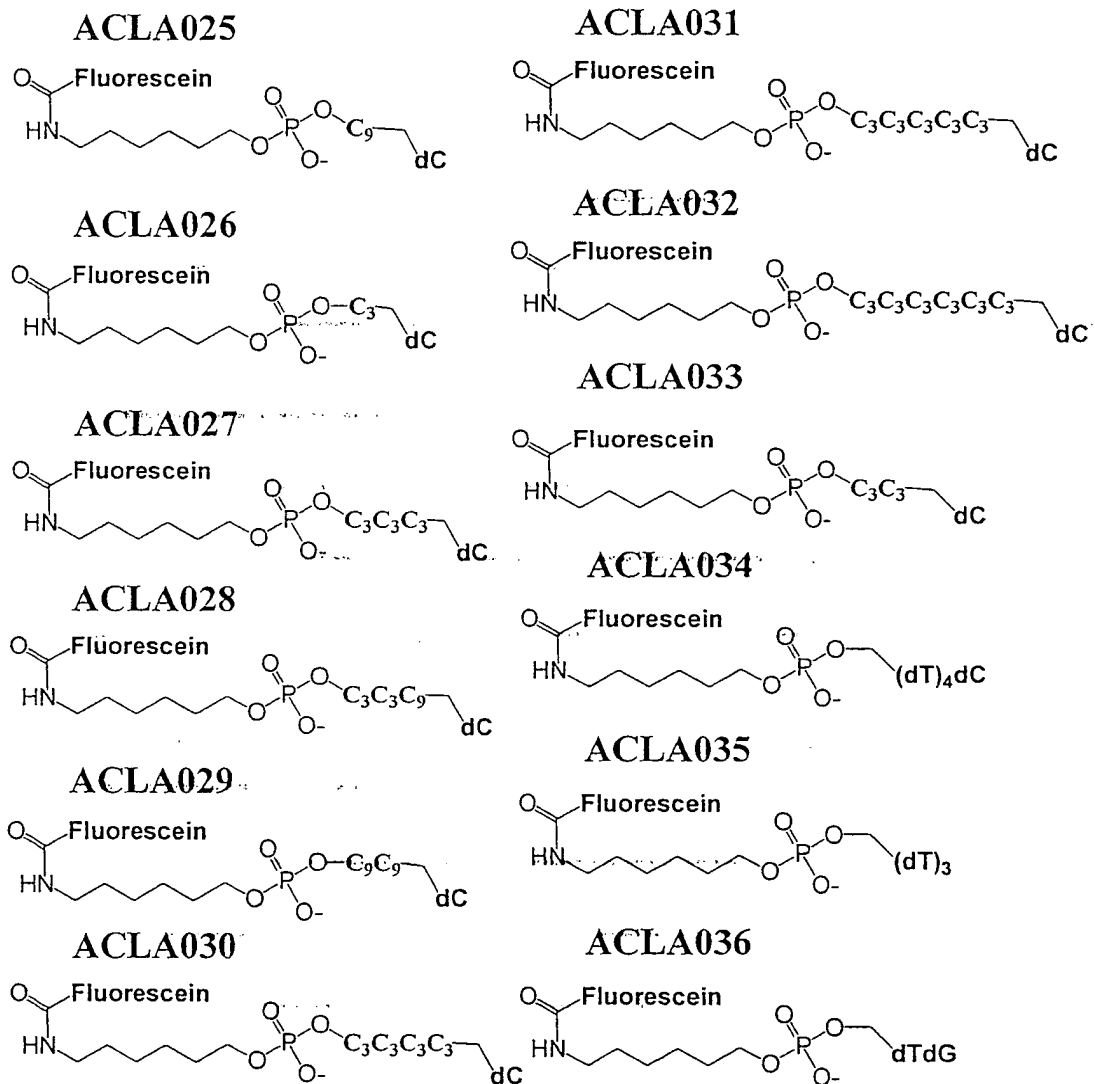
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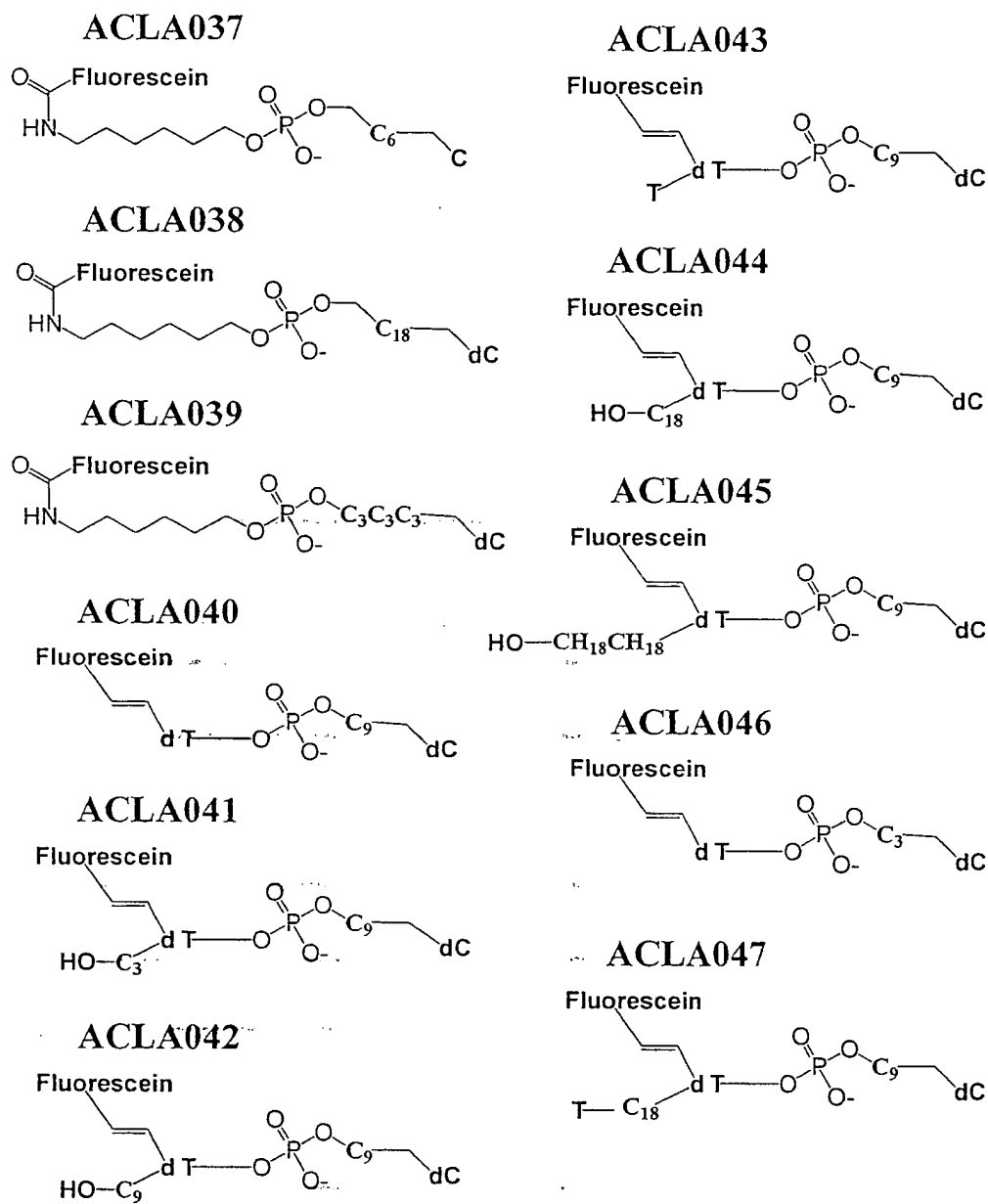
**Fig. 17A**



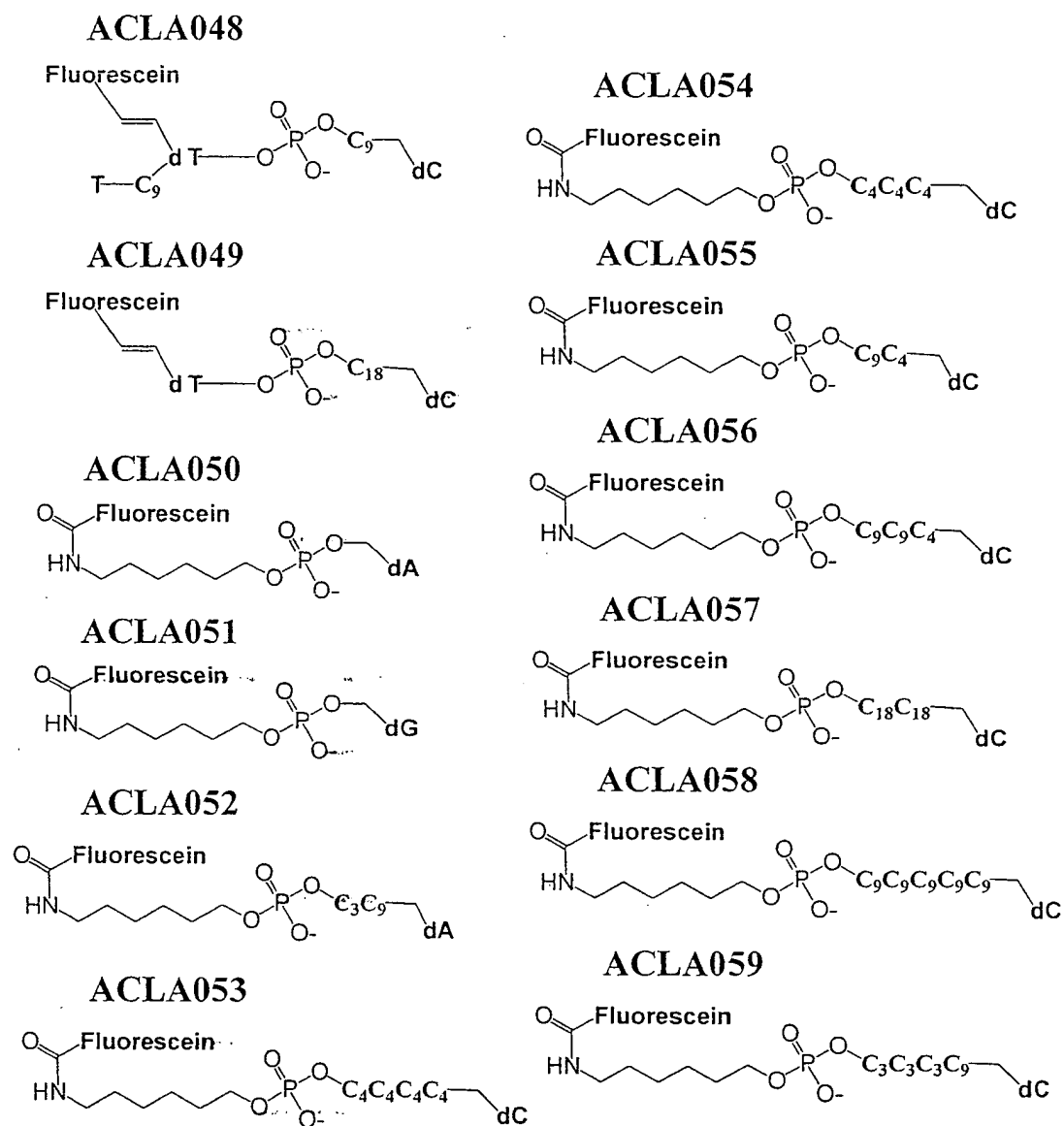
**Fig. 17B**



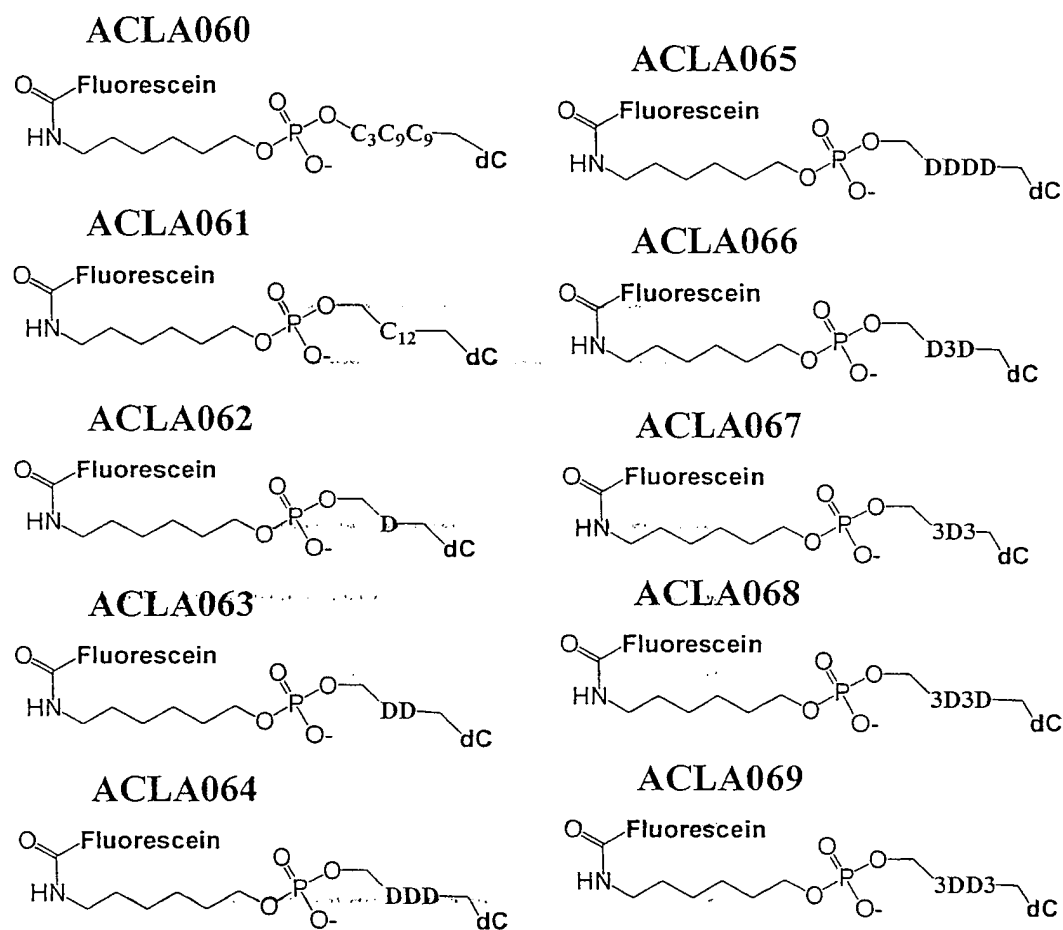
**Fig. 17C**



**Fig. 17D**

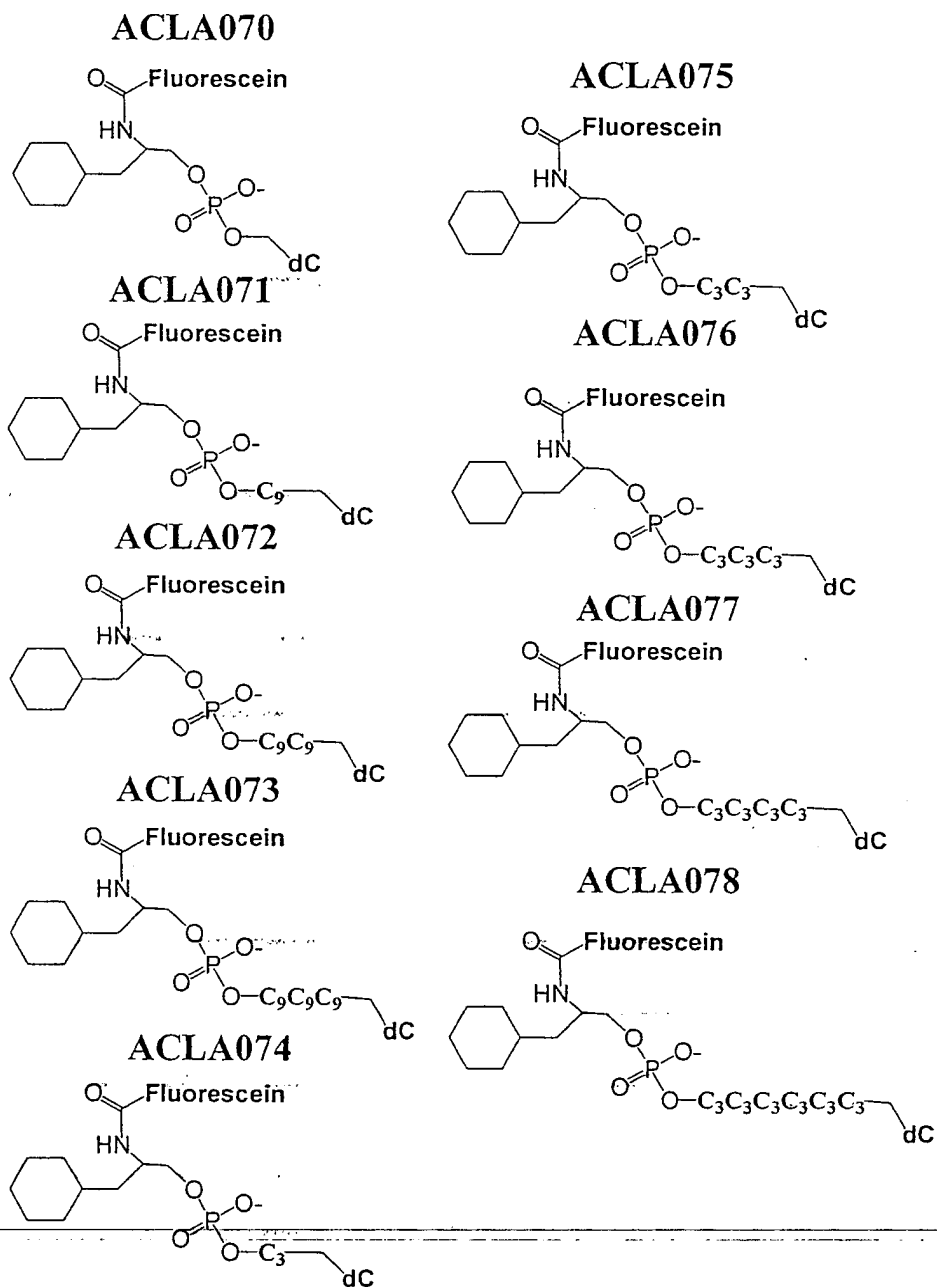


**Fig. 17E**

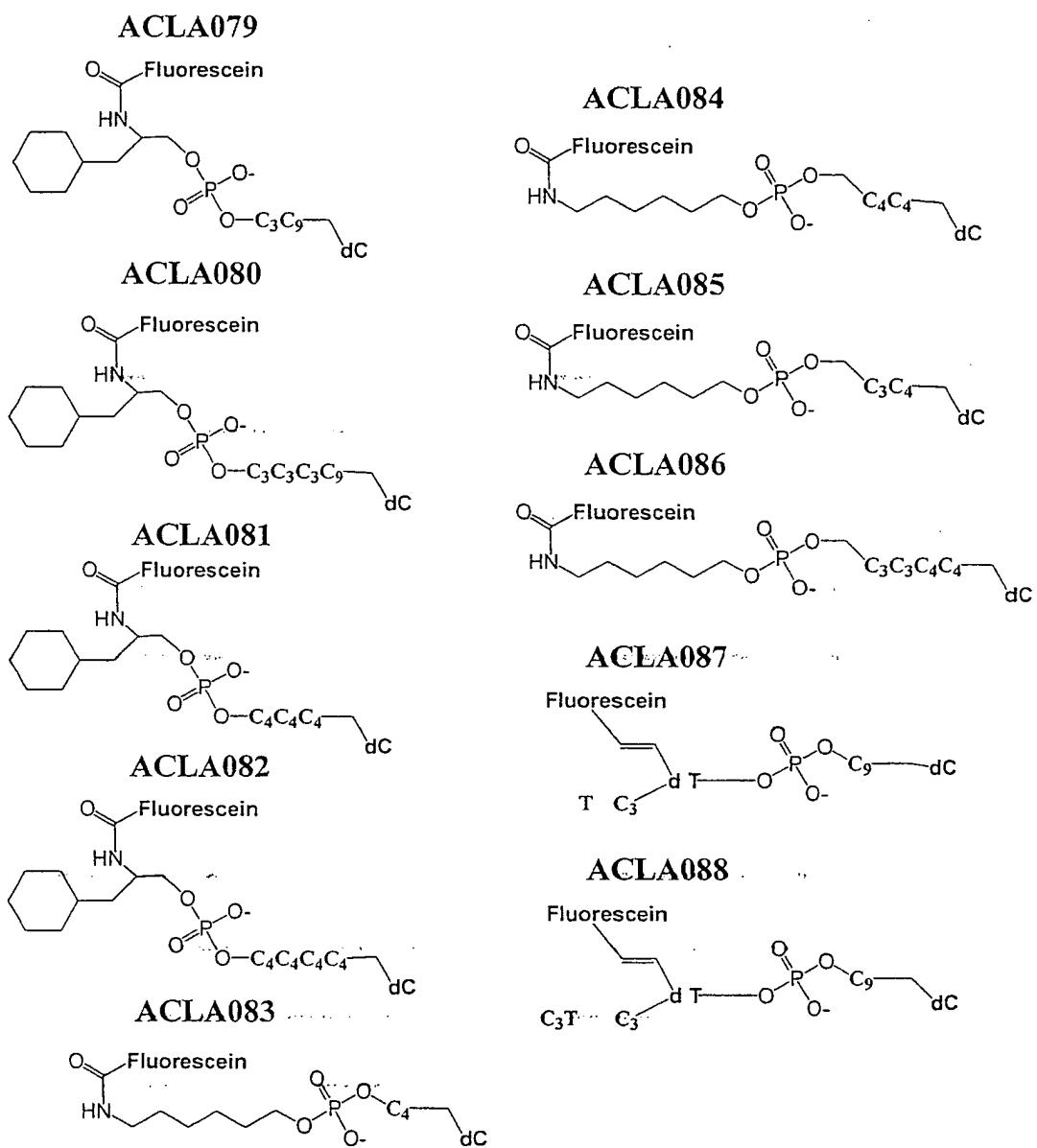


**Fig. 17F**



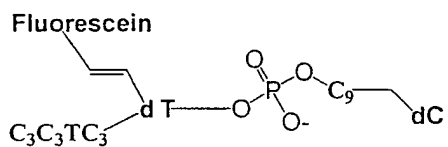


**Fig. 17G**

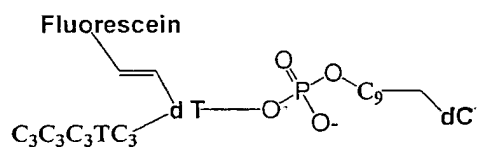


**Fig. 17H**

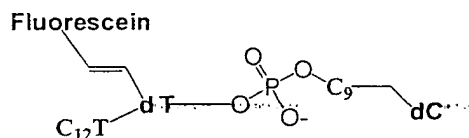
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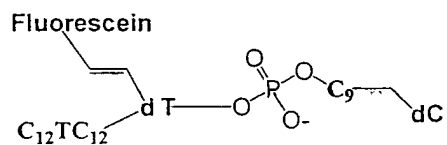
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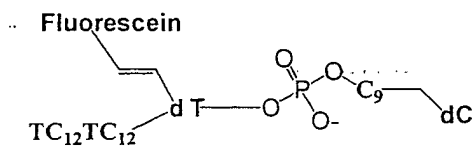
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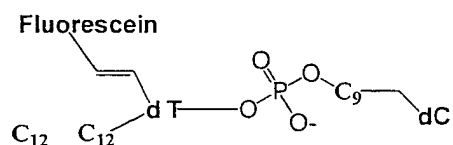
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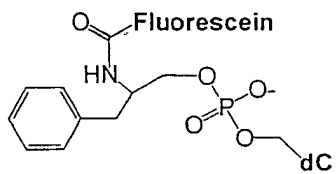
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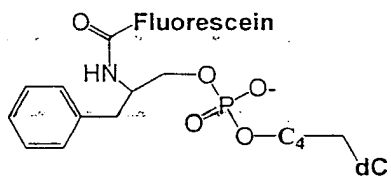
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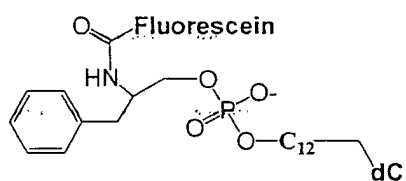
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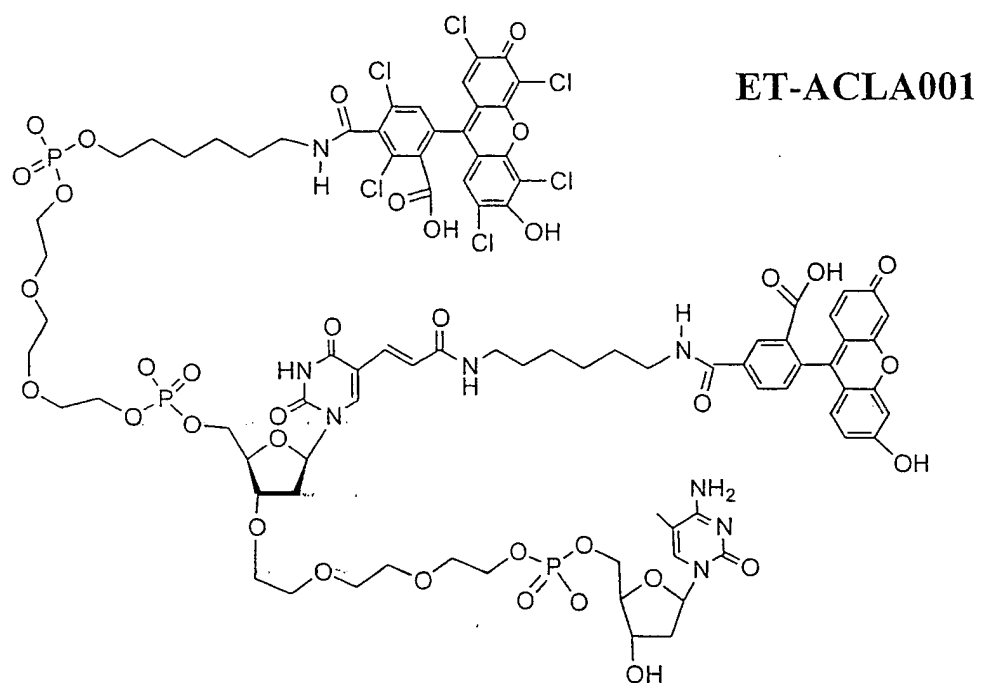
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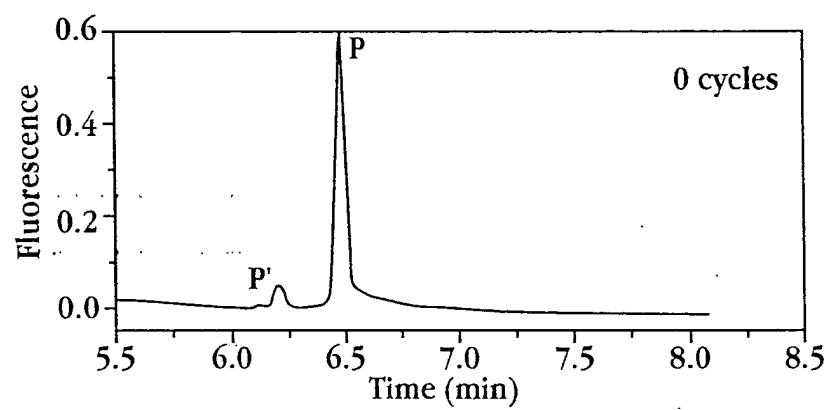
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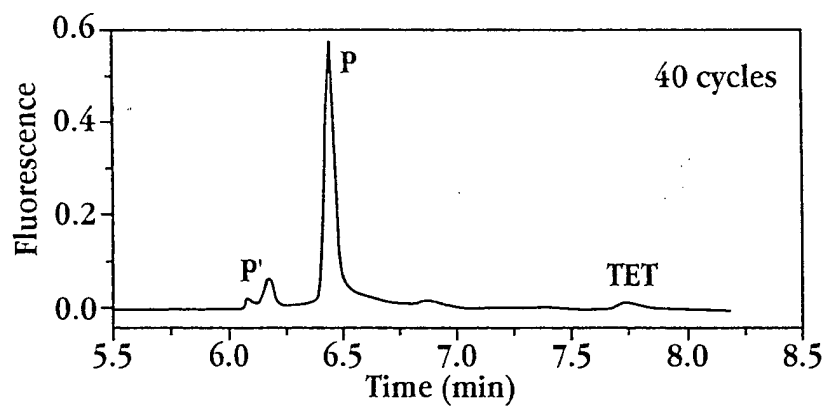
**Fig. 17I**



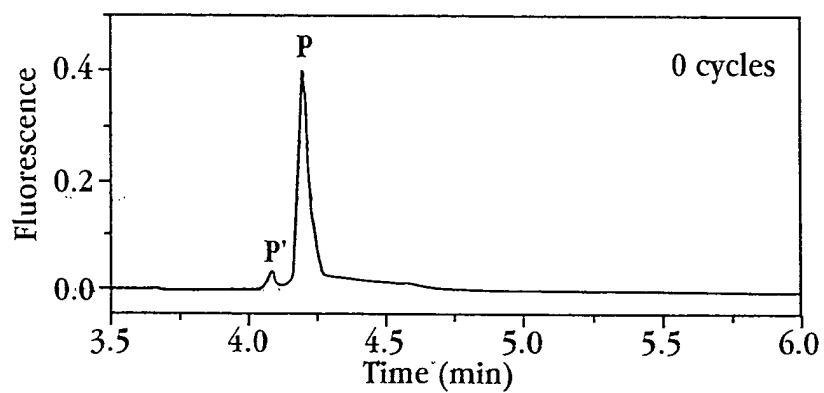
**Fig. 17J**



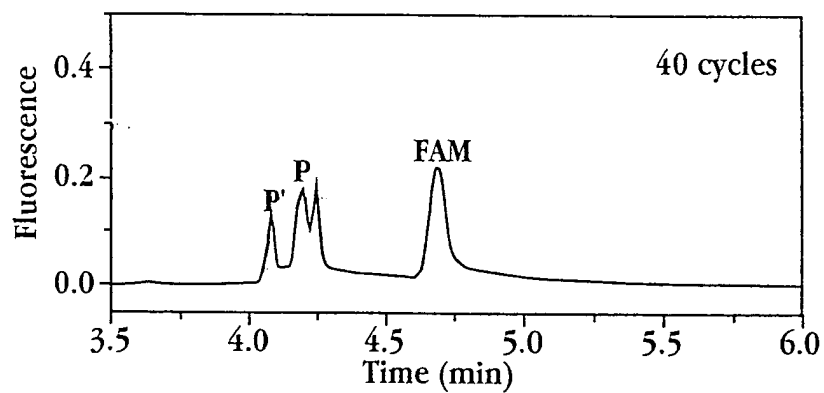
**Fig. 18A**



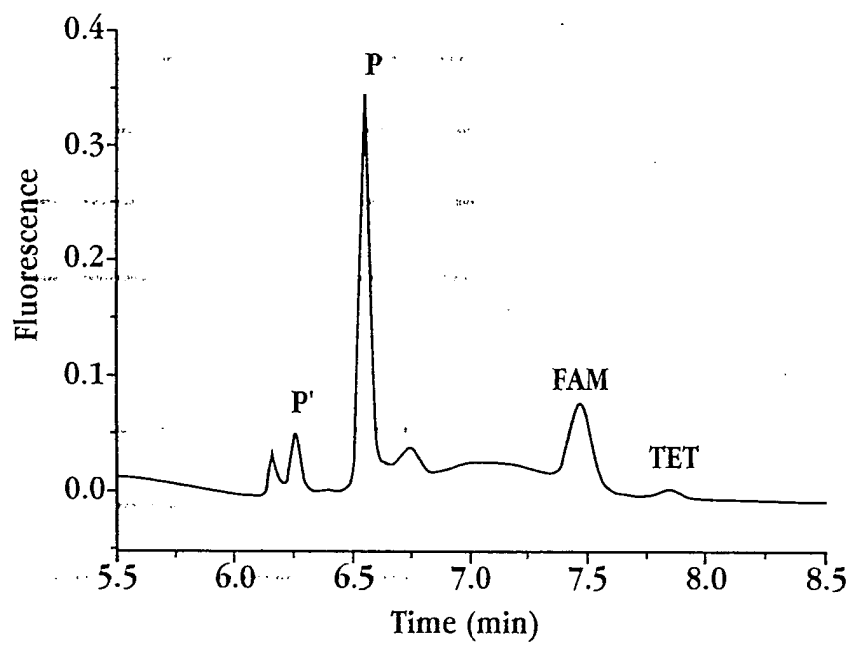
**Fig. 18B**



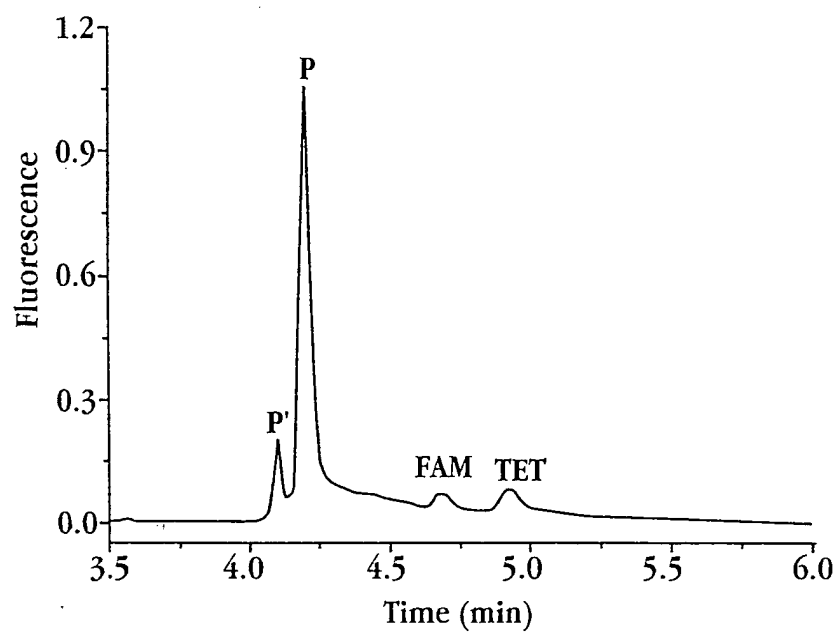
**Fig. 19A**



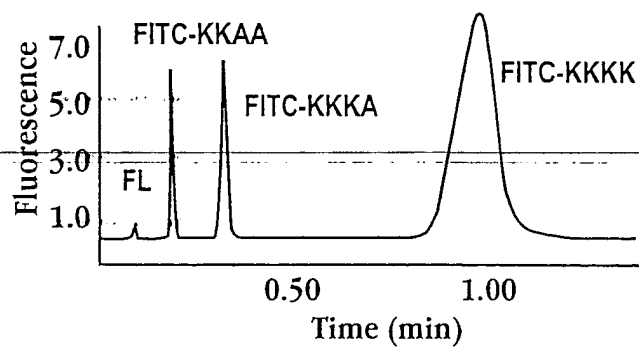
**Fig. 19B**



**Fig. 20**

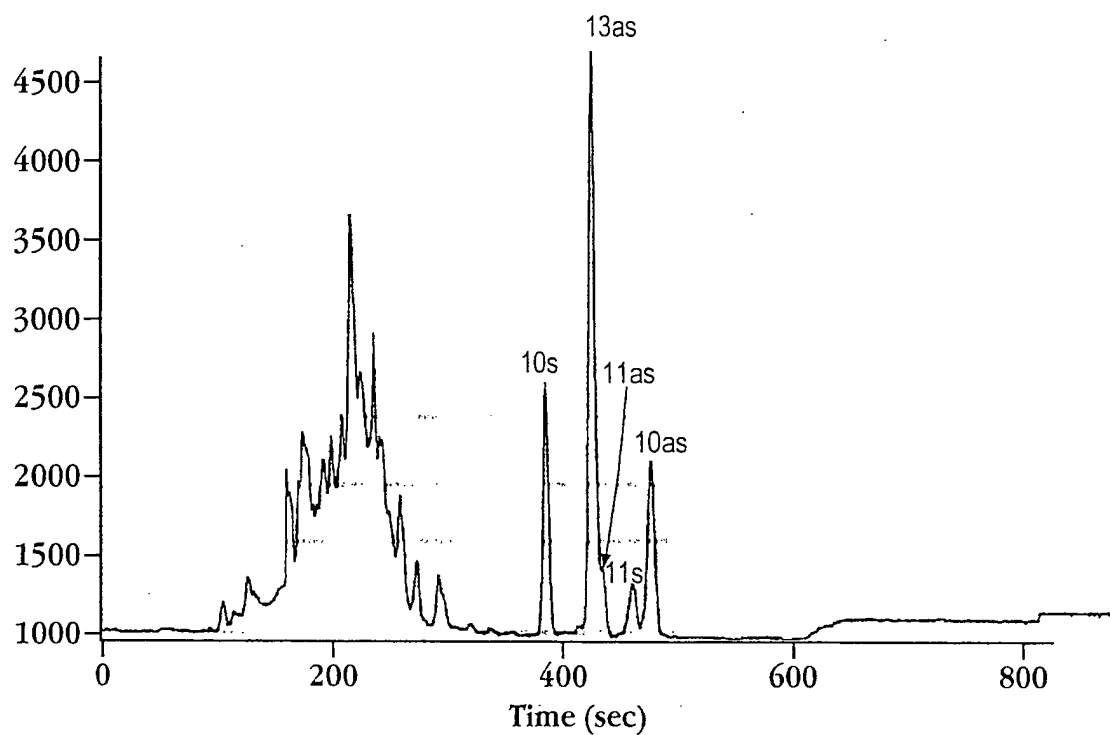


**Fig. 21**

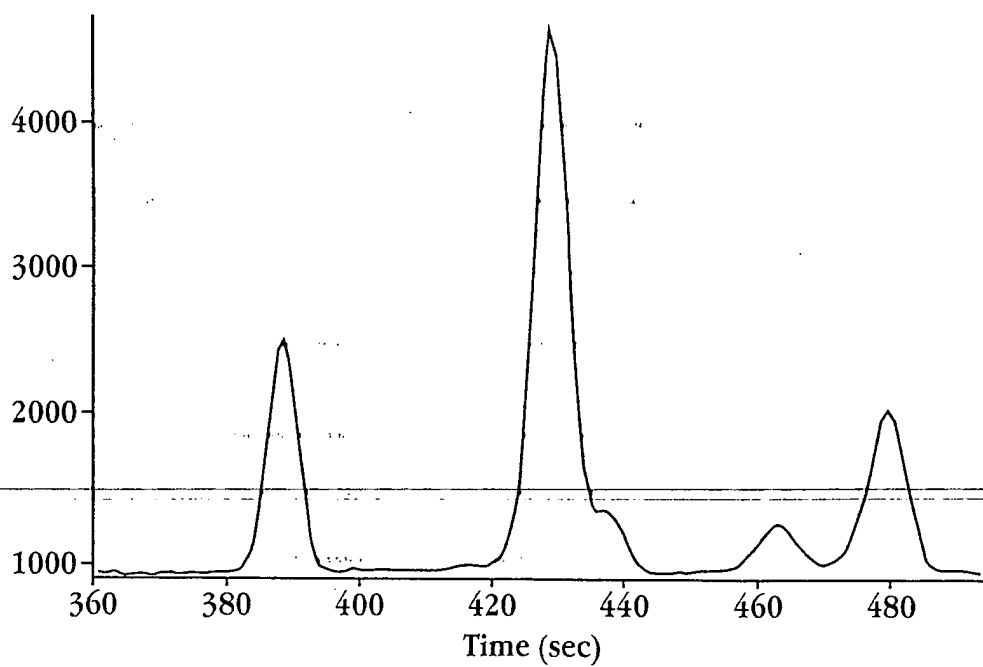


**Fig. 22**

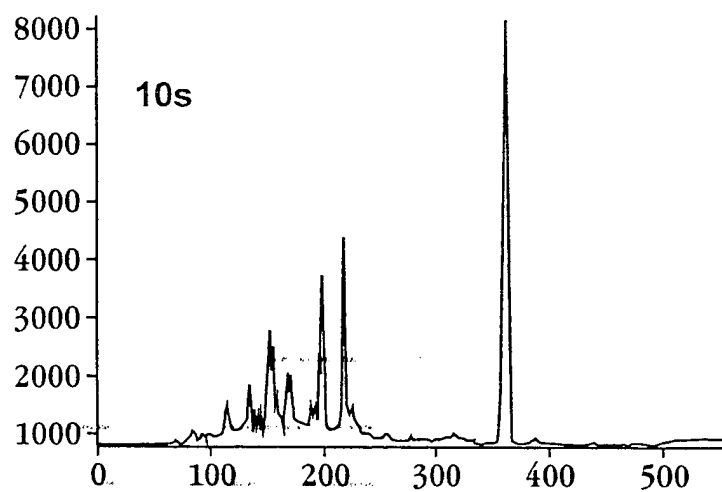




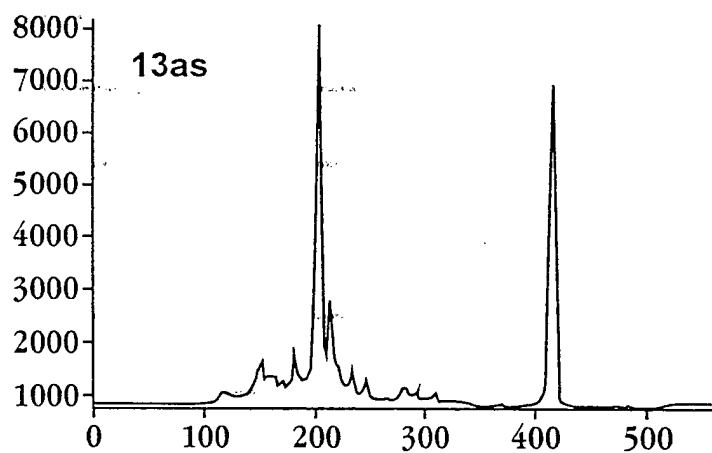
**Fig. 23A**



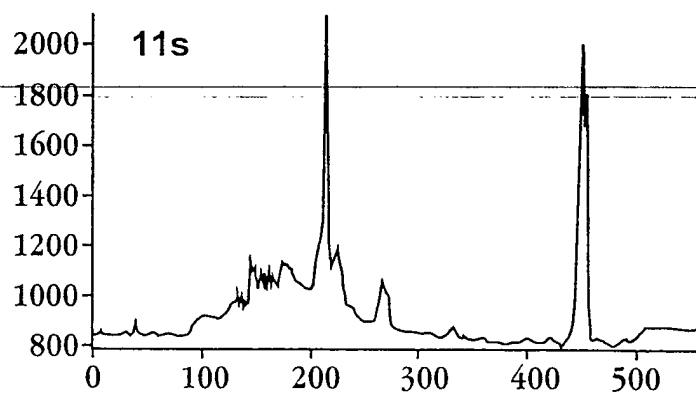
**Fig. 23B**



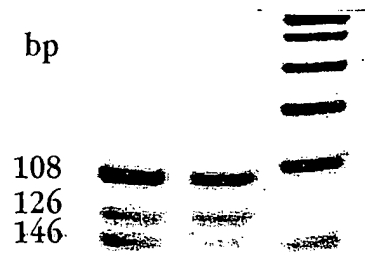
**Fig. 23C**



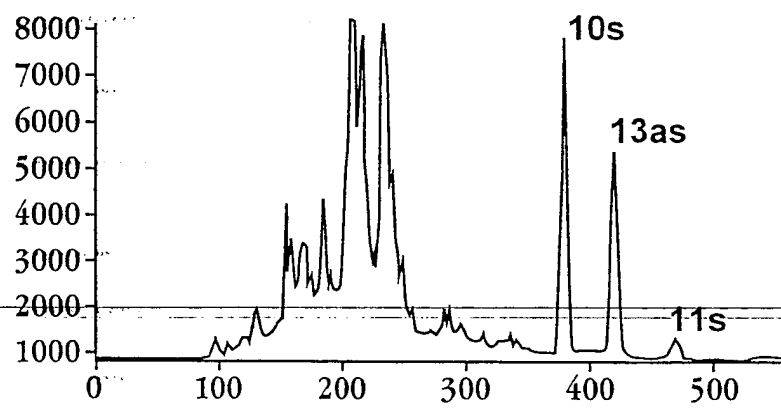
**Fig. 23D**



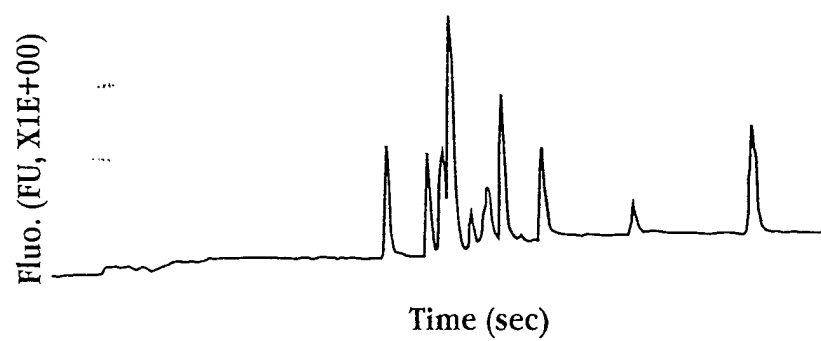
**Fig. 23E**



**Fig. 23F**

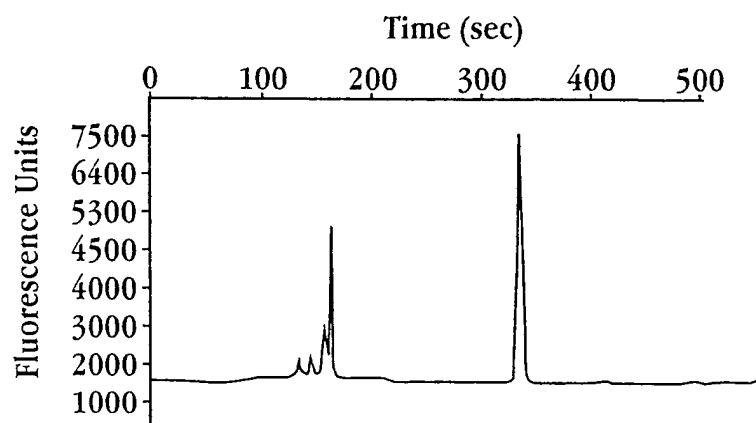


**Fig. 23G**

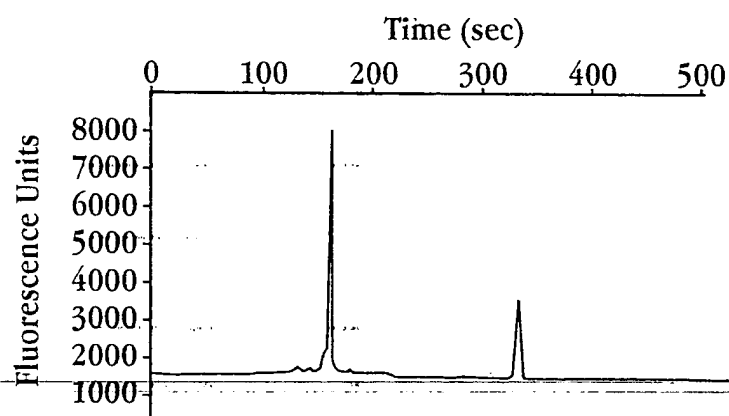


**Fig. 24**

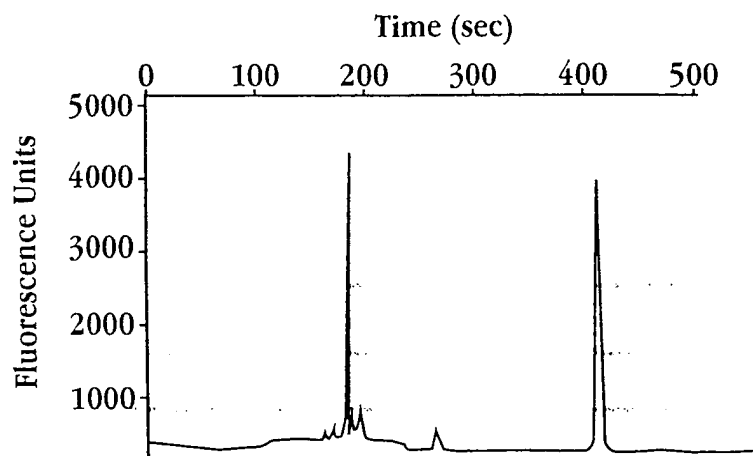
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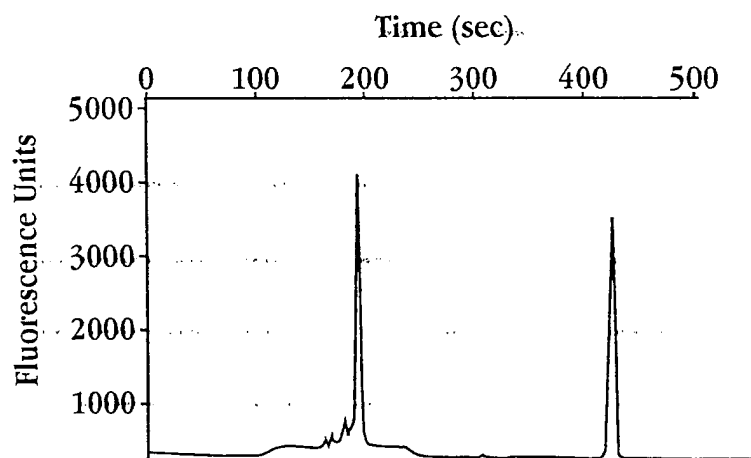
**Fig. 25A**



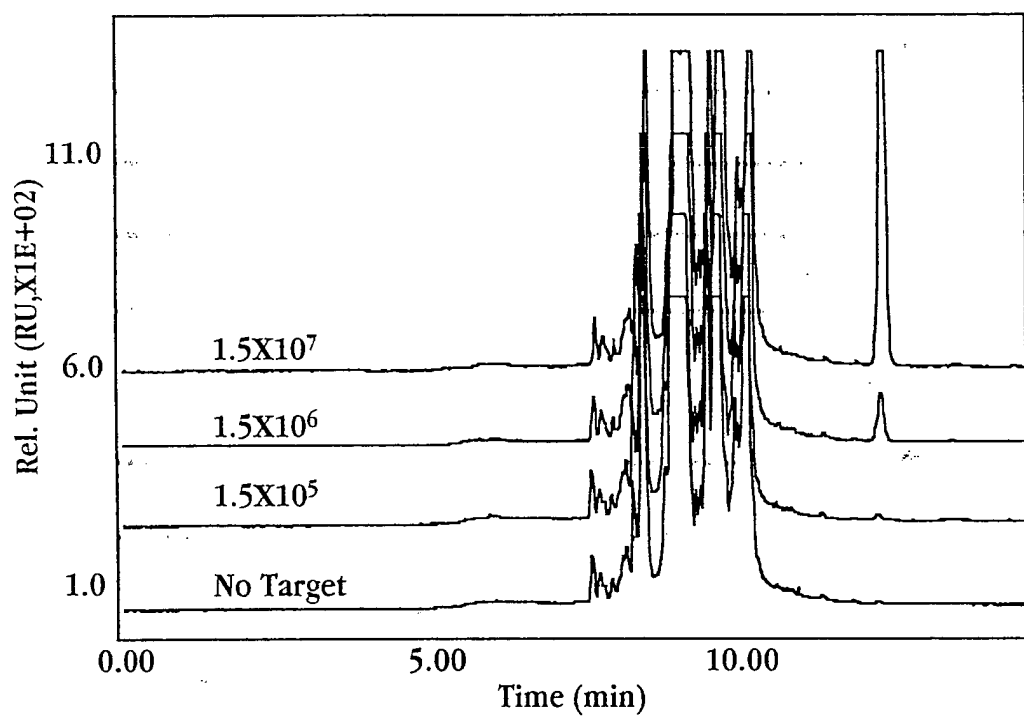
**Fig. 25B**



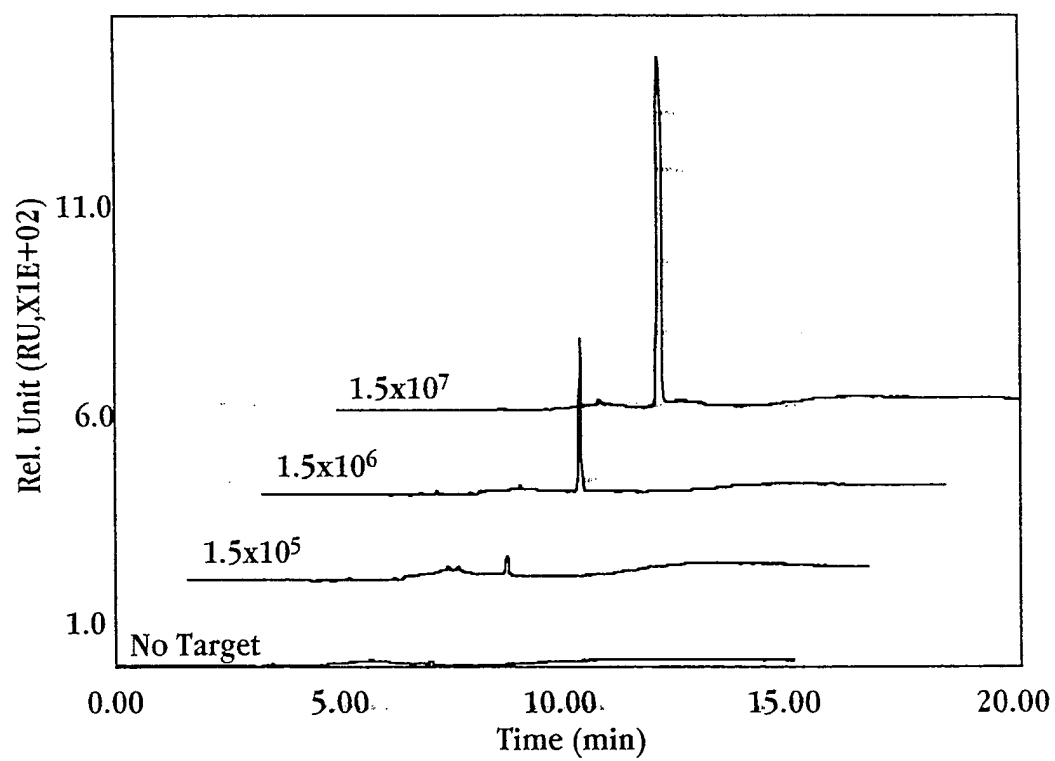
**Fig. 25C**



**Fig. 25D**

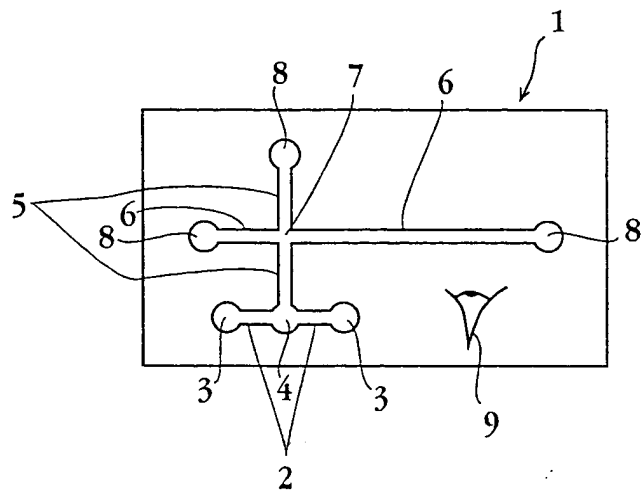


**Fig. 26**

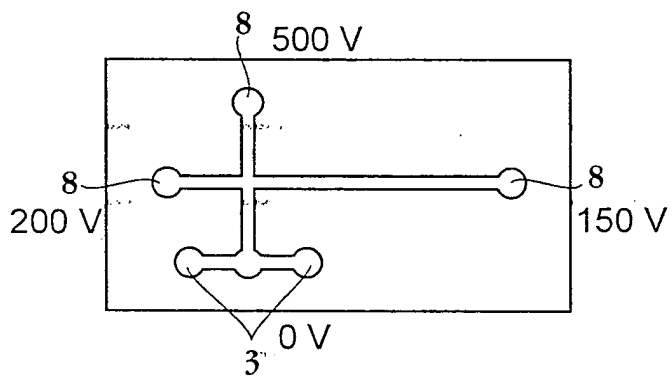


**Fig. 27**

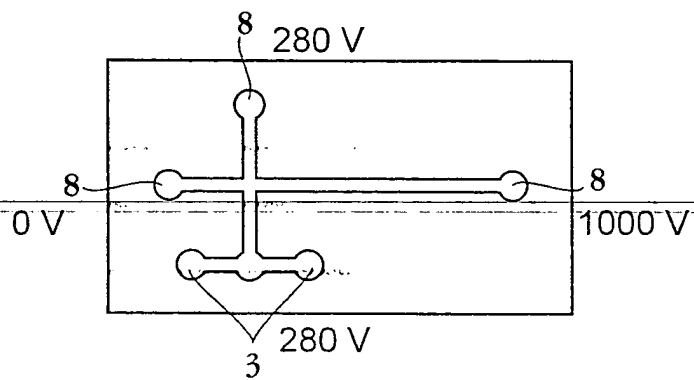




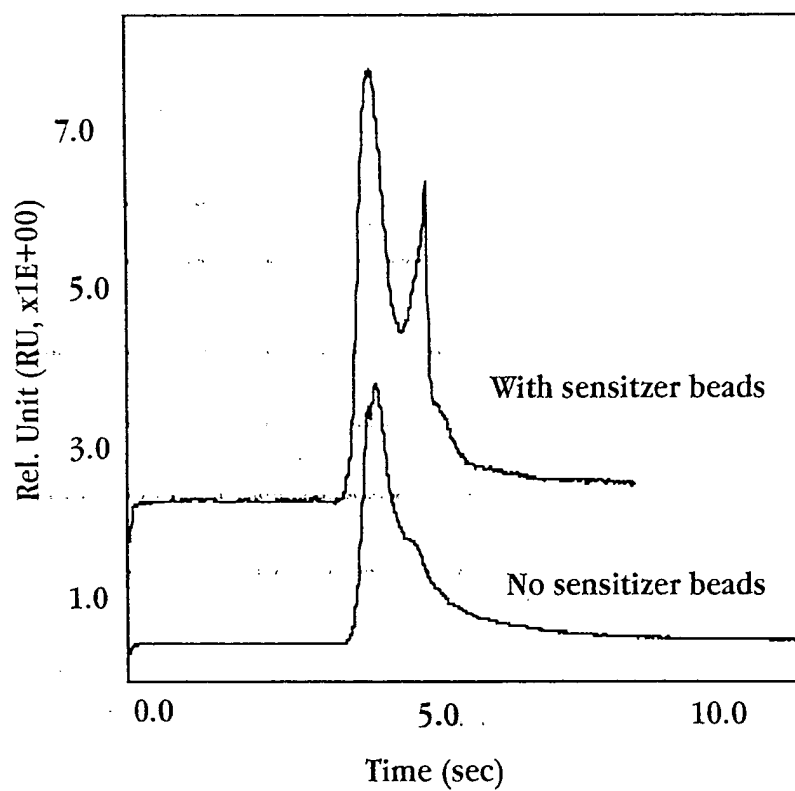
**Fig. 28A**



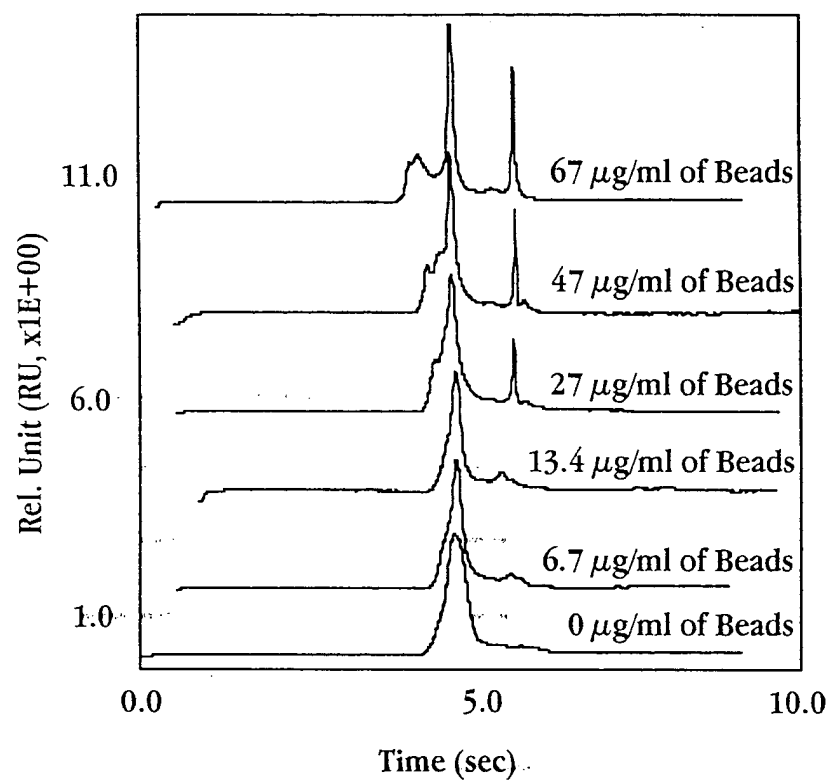
**Fig. 28B**



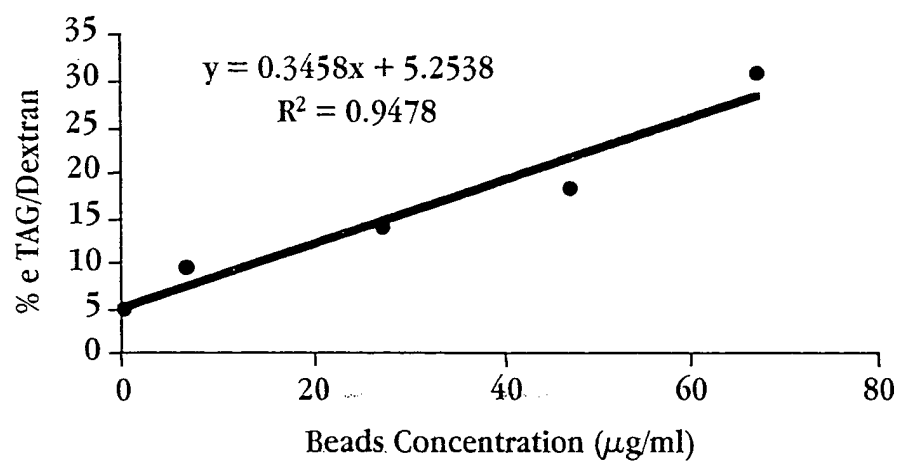
**Fig. 28C**



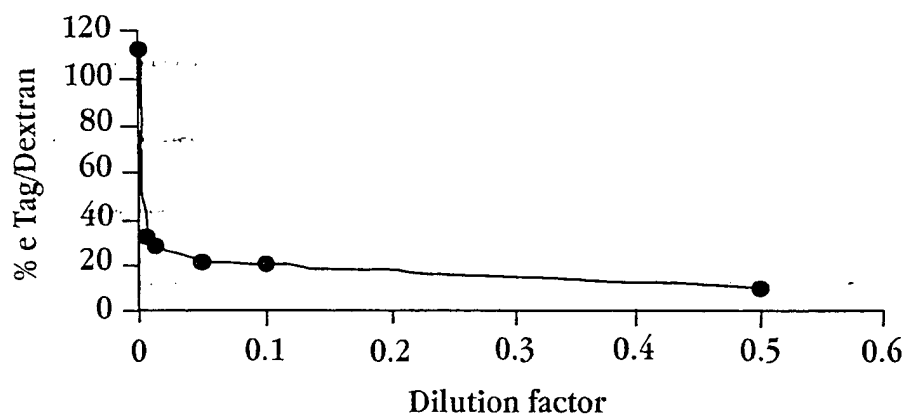
**Fig. 29**



**Fig. 30**



**Fig. 31**



**Fig. 32**

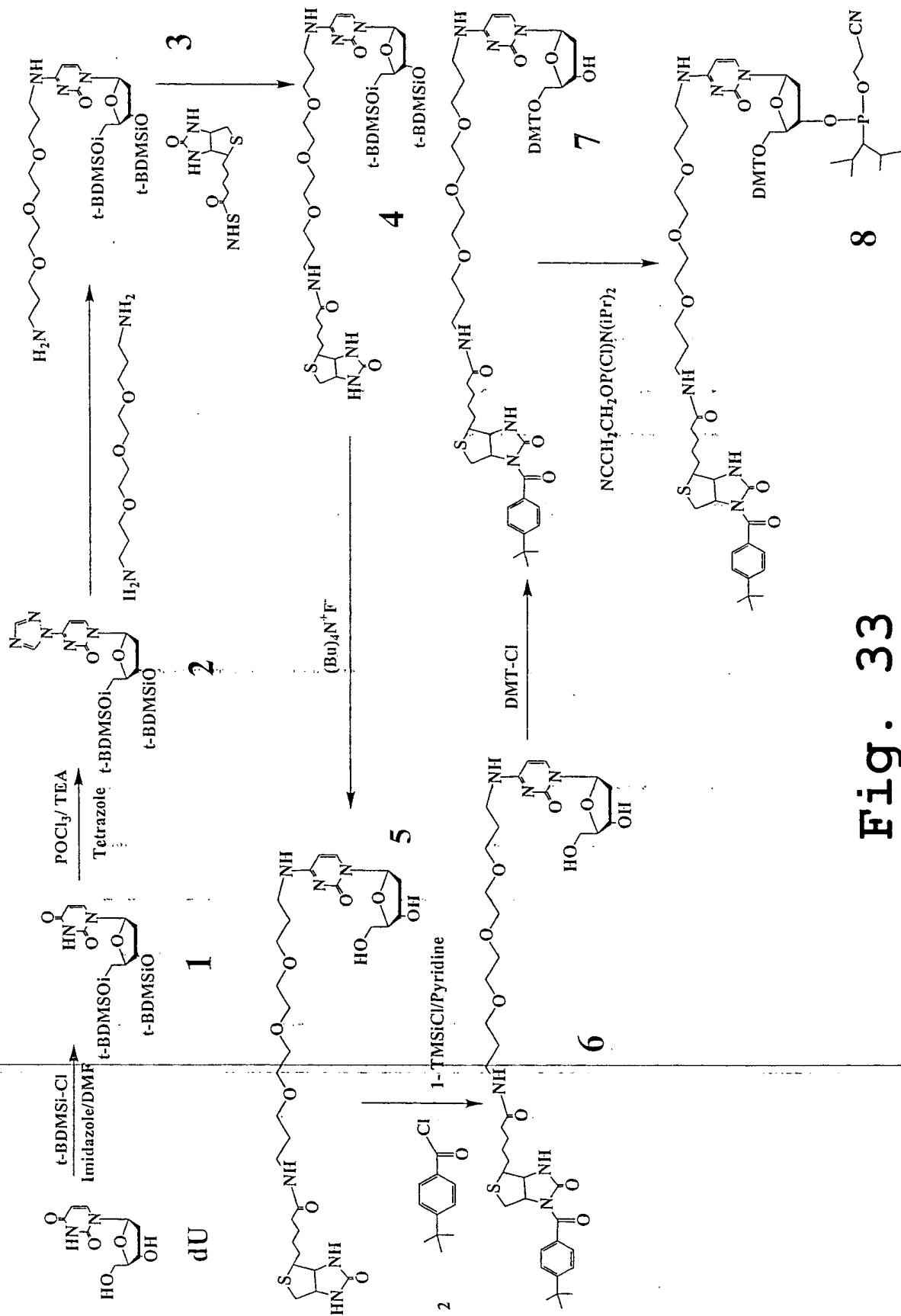


Fig. 33

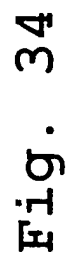


Fig. 34